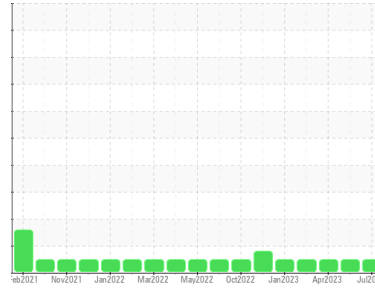




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area  
**GUAY SON/Yavaros [CONHER]**  
 Machine Id  
**Pacifico Industrial - PISA2 Aux2**  
 Component  
**Auxiliary Engine**  
 Fluid  
**CHEVRON DELO 400 MULTIGRADE 15W40 (20 LTR)**

## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor.

### Wear

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the oil.

### Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>KL0012262</b>	KL0012237	KL0012224
Sample Date	Client Info		<b>08 Jul 2023</b>	26 Apr 2023	04 Apr 2023
Machine Age	hrs	Client Info	<b>0</b>	6900	0
Oil Age	hrs	Client Info	<b>270</b>	1	0
Oil Changed	Client Info		<b>Not Chngd</b>	Not Chngd	N/A
Sample Status			<b>NORMAL</b>	NORMAL	NORMAL

## CONTAMINATION

	method	limit/base	current	history1	history2
Fuel	WC Method	>4.0	<b>&lt;1.0</b>	<1.0	<1.0
Glycol	WC Method		<b>NEG</b>	NEG	NEG

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >100	<b>8</b>	5	19
Chromium	ppm	ASTM D5185m >20	<b>&lt;1</b>	<1	1
Nickel	ppm	ASTM D5185m >2	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m >2	<b>&lt;1</b>	<1	3
Silver	ppm	ASTM D5185m >2	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m >20	<b>3</b>	2	0
Lead	ppm	ASTM D5185m >40	<b>0</b>	<1	0
Copper	ppm	ASTM D5185m >330	<b>1</b>	<1	4
Tin	ppm	ASTM D5185m >15	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185m	<b>0</b>	0	0
Cadmium	ppm	ASTM D5185m	<b>0</b>	0	0

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 151	<b>294</b>	279	233
Barium	ppm	ASTM D5185m 0.4	<b>&lt;1</b>	0	0
Molybdenum	ppm	ASTM D5185m 250	<b>121</b>	109	108
Manganese	ppm	ASTM D5185m	<b>&lt;1</b>	<1	<1
Magnesium	ppm	ASTM D5185m 0	<b>667</b>	596	566
Calcium	ppm	ASTM D5185m 2046	<b>1492</b>	1374	1372
Phosphorus	ppm	ASTM D5185m 1043	<b>732</b>	642	765
Zinc	ppm	ASTM D5185m 943	<b>871</b>	795	952
Sulfur	ppm	ASTM D5185m 5012	<b>2972</b>	2568	2780

## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	<b>5</b>	5	7
Sodium	ppm	ASTM D5185m	<b>2</b>	<1	3
Potassium	ppm	ASTM D5185m >20	<b>0</b>	3	1

## INFRA-RED

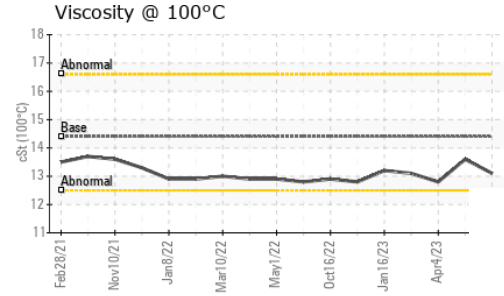
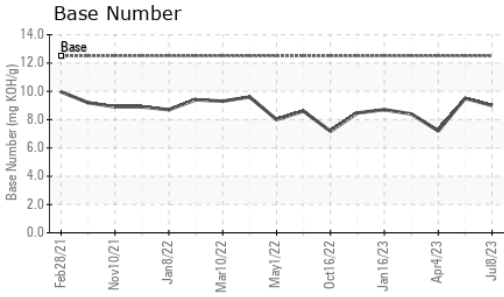
	method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	<b>0.2</b>	0.1	0.2
Nitration	Abs/cm	*ASTM D7624 >20	<b>6.4</b>	5.2	7.5
Sulfation	Abs/.1mm	*ASTM D7415 >30	<b>22.2</b>	22.4	20.5

## FLUID DEGRADATION

	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414 >25	<b>16.1</b>	15.7	16.5
Base Number (BN)	mg KOH/g	ASTM D2896 12.5	<b>9.0</b>	9.5	7.2



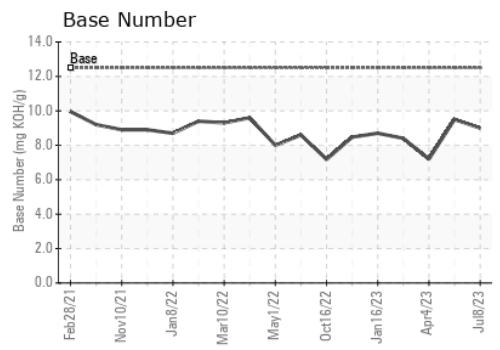
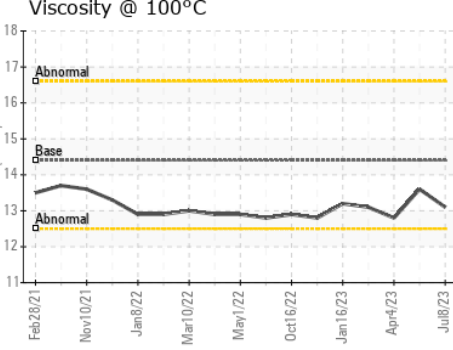
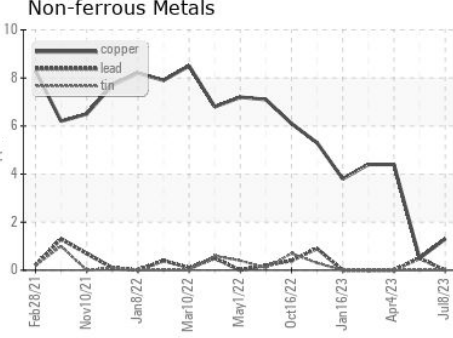
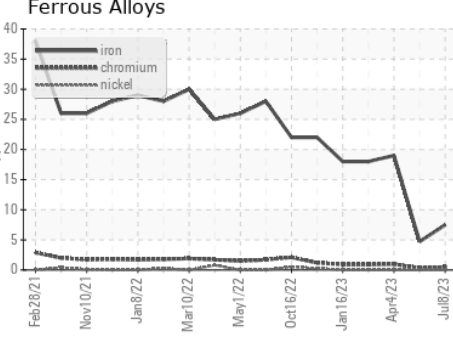
# OIL ANALYSIS REPORT



VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 100°C	cSt	ASTM D445	14.4	<b>13.1</b>	13.6	12.8

### GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : KL0012262 **Received** : 21 Jul 2023  
**Lab Number** : 05904829 **Diagnosed** : 25 Jul 2023  
**Unique Number** : 10566185 **Diagnostician** : Don Baldrige  
**Test Package** : FLEET

**CONOR**  
 JUAREZ 348  
 HERMOSILLO,  
 MX 83140  
 Contact: EDUARDO GARCIA  
 egarcia.comsa@gmail.com  
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 F: x:

Certificate L2367  
 To discuss this sample report, contact Customer Service at 1-800-237-1369.  
 \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.  
 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)